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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/105,716
Filing Date	3/25/2002
First Named Inventor	Carlson, Mark A.
Art Unit	3662
Examiner Name	Bernarr, G.
Attorney Docket Number	D-4561

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ML		US- 5,836,535	11/17/1998	Brum, Roger D.	
		US- 5,603,470	2/18/1997	Fitzgerald, et al.	
		US- 5,605,306	2/25/1997	Fitzgerald, et al.	
		US- 5,570,854	1/5/1996	Brum, et al.	
		US- 5,501,411	3/26/1996	Brum, et al.	
		US- 5,333,814	8/2/1994	Wallis	
		US- 5,094,405	3/10/1992	Brum	
		US- 5,102,063	4/7/1992	Brum, Roger D.	
		US- 5,136,295	8/4/1992	Bull, et al.	
		US- 4,808,999	2/28/1989	Toman	
		US- 4,978,086	2/18/1990	Spicer	
		US- 5,029,773	7/9/1991	Eccatz	
		US- 5,020,742	6/4/1991	Haslim	
		US- 3,987,746	10/26/1976	McCulloh	
		US- 5,014,997	5/14/1991	Smith, et al.	
		US-			
		US-			
		US-			
		US-			

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FOREIGN PATENT DOCUMENTS

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